

Table 1S. Results of analysis of variance (*ANOVA*) testing for main effects of species, water treatment, and their interactions on photosynthetic and growth characteristics of *Pterocarya stenoptera* and *Pinus elliottii* seedlings for the whole experimental period. Numbers *in bold* refer to significant effects ($p < 0.05$). P_N – net photosynthetic rate; g_s – stomatal conductance; WUE_i – intrinsic water-use efficiency; C_i/C_a – ratio of intercellular to ambient CO_2 concentration; RGR – relative growth rate.

Variable	Effect	<i>F</i> value	Probability
P_N [$\mu\text{mol}(\text{CO}_2) \text{ m}^{-2} \text{ s}^{-1}$]	Species	2.898	0.090
	Treatment	81.250	<0.001
	Species $\times$ Treatment	0.533	0.588
g_s [$\text{mol m}^{-2} \text{ s}^{-1}$]	Species	35.824	<0.001
	Treatment	53.947	<0.001
	Species $\times$ Treatment	6.136	0.003
C_i/C_a	Species	374.270	<0.001
	Treatment	45.923	<0.001
	Species $\times$ Treatment	2.278	0.106
WUE_i [$\mu\text{mol mol}^{-1}$]	Species	31.535	<0.001
	Treatment	8.211	<0.001
	Species $\times$ Treatment	17.960	<0.001
Mass fraction of plant root [%]	Species	424.696	<0.001
	Treatment	2.254	0.109
	Species $\times$ Treatment	18.715	0.002
Mass fraction of plant stem [%]	Species	184.001	<0.001
	Treatment	0.495	0.611
	Species $\times$ Treatment	31.066	<0.001
Mass fraction of plant leaf [%]	Species	792.700	<0.001
	Treatment	2.164	0.119
	Species $\times$ Treatment	39.766	<0.001
RGR in plant biomass [$\text{mg g}^{-1} \text{ d}^{-1}$]	Species	1.021	0.314
	Treatment	7.901	0.001
	Species $\times$ Treatment	0.720	0.488
RGR of plant height [$\times 10^{-3} \text{ cm cm}^{-1} \text{ d}^{-1}$]	Species	0.032	0.859
	Treatment	6.359	0.002
	Species $\times$ Treatment	1.533	0.219
Base diameter [mm]	Species	1,654.768	<0.001
	Treatment	14.521	<0.001
	Species $\times$ Treatment	16.835	<0.001